

IAP16 Rec'd PCT 01 DEC 2005

SPECIFICATION

ANTENNA DEVICE

11/16/08
Hun
This application is the National Phase International Application
PCT/JP04/07809 filed May 28, 2004.

5 TECHNICAL FIELD

The present invention relates to an antenna device that receives radio waves by a diversity method.

BACKGROUND ART

10 Diversity method antenna devices have been conventionally known that have a plurality of antennas with different reception characteristics and directivities, and select therefrom an antenna in the best communication condition to receive radio waves (see JP 2002-237773, A and
15 JP 2002-271125, A, for example).

In the diversity method antenna devices, the plurality of antennas are connected to a radio module through coaxial cables, and one or more of the antennas in good communication conditions are selected by the radio module. Therefore, good
20 communication condition can be obtained even in the case where reception radio waves vary in arrival direction with surrounding environments or the case where reflected waves or diffracted waves of the radio waves are received.

Alternatively, antenna devices have been known that can